

Project Audit



Project:
CronoYield

April 15, 2022



CronoYield



Overview

This audit has been prepared for **CronoYield** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point:

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	CronoYield
Ticker	\$CRNY
Contract	0xffff52D3f0e5b70D0Cbb1df4bc915B372CA05C9E8
Network	Cronos
Language	Solidity
Tax	Buy: 10% Sell: 10%
Total Supply	1,000,000,000,000
Status	Not launched yet

Current stats

Burn	No burned tokens
LP Address	Liquidity not added yet
Liquidity	Liquidity not added yet
MaxTxAmount	20,000,000,000

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Featured Wallets

Owner address	0xc7B58e7c84dfA1a8A4BC69d68661c7F08AC669E8
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Top 3 Unlocked Wallets

Wallet 1 (100%)	Same as owner
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Tokens are not distributed yet

Security Threats

Owner can change buy/sell fees up to 20% (combined buy+sell=40%).

```
function setTaxes(uint256 newRewardFee, uint256 newLiquidityFee, uint256 newMarketingfee,
uint256 newInvestmentfee, uint256 snipeBlockCount, bool updateOriginals) external authorizedAndOwner {

    if(msg.sender == owner())
    {
        require(newRewardFee <= 5, "Cannot go more than 5!");
        require(newLiquidityFee <= 5, "Cannot go more than 5!");
        require(newMarketingfee <= 5, "Cannot go more than 5!");
        require(newInvestmentfee <= 5, "Cannot go more than 5!");
    }
    _taxFee = newRewardFee;
    _liquidityFee = newLiquidityFee;
    _marketingFee = newMarketingfee;
    _InvestmentFee = newInvestmentfee;
    _snipeBlockAmount = snipeBlockCount;

    if(updateOriginals)
    {
        _taxFeeOriginal = _taxFee;
        _liquidityFeeOriginal = _liquidityFee;
        _marketingFeeOriginal = _marketingFee;
        _InvestmentFeeOriginal = _InvestmentFee;
    }
    _totalLiqFee = _liquidityFee.add(_marketingFee).add(_devFee).add(_InvestmentFee);
    _prevTotalLiqFee = _totalLiqFee;
}
```

Owner can change max transaction limit, but can't lower it than 0.1% of total supply.

```
function setMaxTxAmount(uint256 maxTxAmount) external authorized {

    require(maxTxAmount >= 1000 * 10**6 * 10**18, "Cannot set to zero!");
    _maxTxAmount = maxTxAmount;
}
```

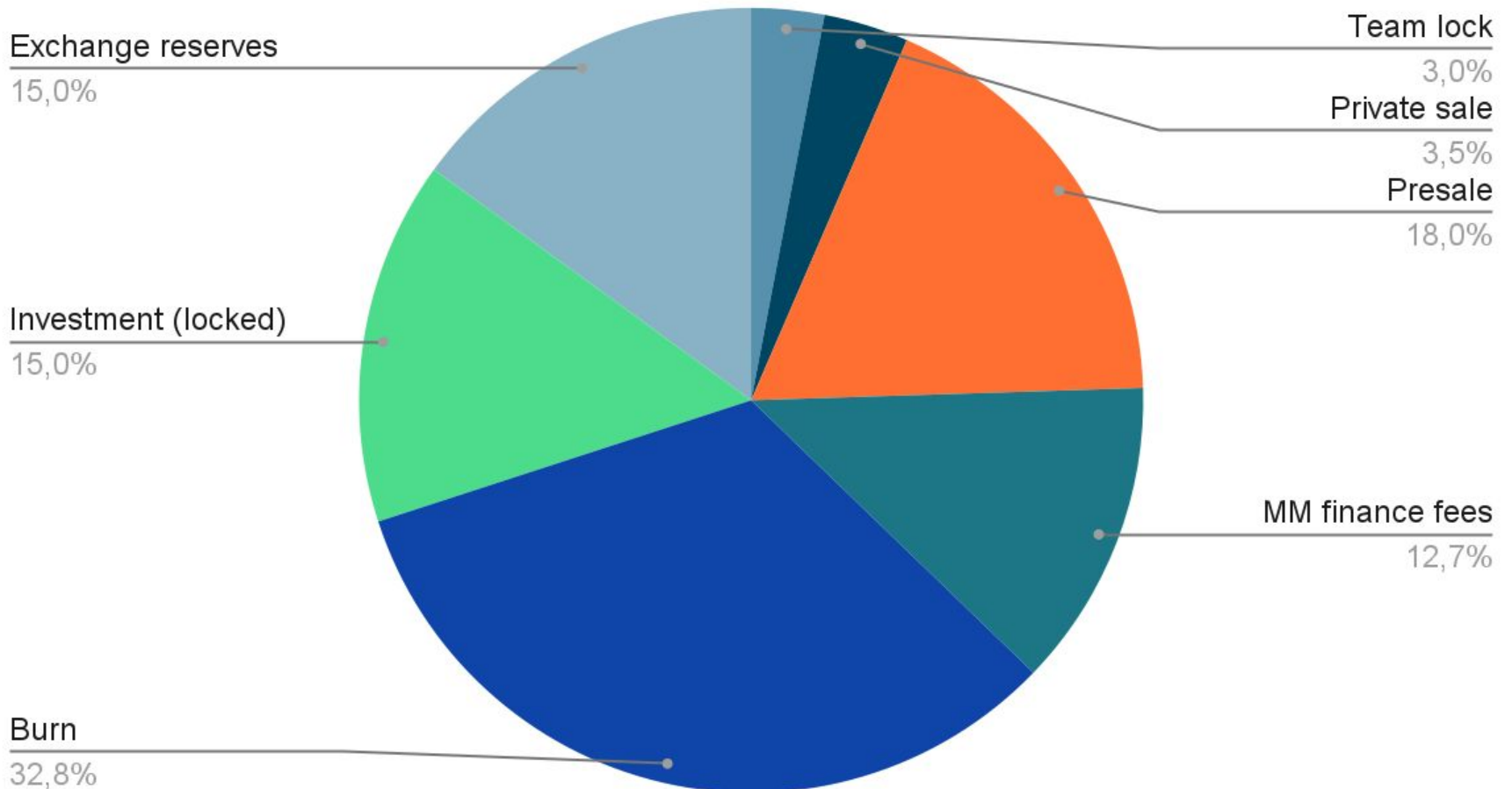
Tokenomics

According to project's whitepaper

Total supply 1,000,000,000,000 \$CRNY

- 3% - Team (vested)
- 3.5% - Private sale
- 18% - Presale
- 12.71% - MM finance fees
- 32.79% - Burn
- 15% - Investment and sustainability (locked)
- 15% - Exchange listing reserves (locked)

Tokens distribution



For more information about token's lock and team vesting, read the project's whitepaper.
https://www.cronoyield.com/_files/ugd/d9edff_20fa4e921f5947baa2d5771283e8b0e9.pdf

CronoYield Project & Team Review

According to their website, CronoYield is the first ever high APY protocol project on the Cronos chain. It utilizes cutting-edge DeFi innovation that creates benefits and value for \$CRNY token holders. The high returns that holders of \$CRNY benefit from are not limited to just staking rewards. There is also an investor fund redistributed to diamond hand holders every 7 days.

Team:

Team KYCd by SpyWolf 

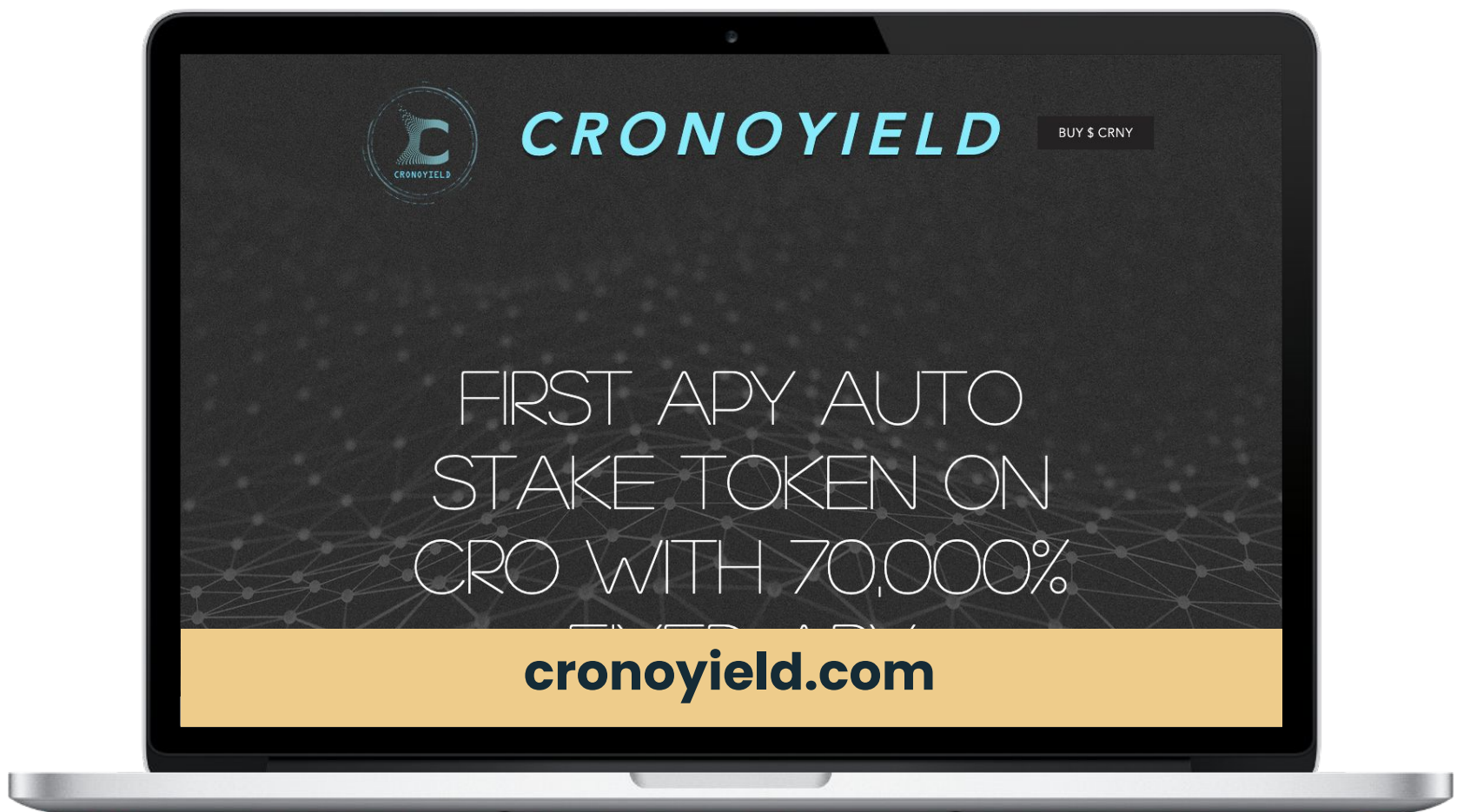
https://spywolf.network/assets/kyc/2022/april/KYC_CRONONYIELD_TOKEN_0x73711Ddb971d961E3bC579f89Ee1d7318a058991.png



Website Analysis

URL: <https://www.cronoyield.com>

- **Design:** Overall design and layout could be improved. Single page website without top navigation. Paragraphs in all caps is not recommended. Many different fonts used, instead of the usual 2.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** No whitepaper found ⚠
- **Roadmap:** No timeframes set. Not much utility in the plans.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO came out as average.



Social Media & Online Presence



Telegram

<https://t.me/Cronoyield>

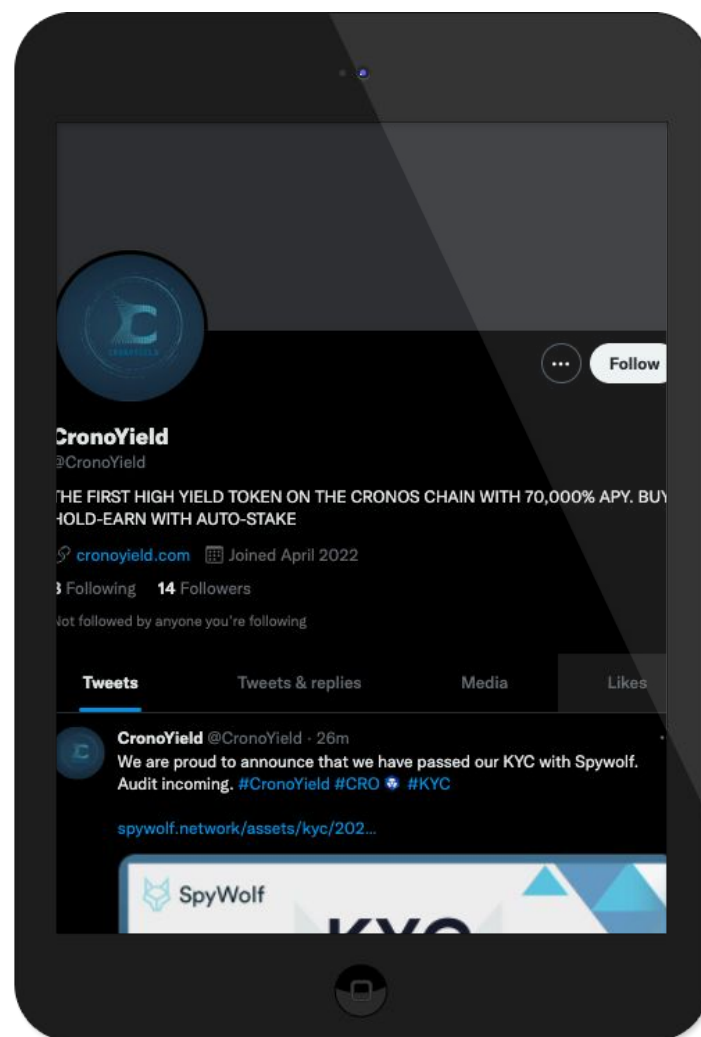
- 2,264 members
- Few active members ⚠️
- Active mods.



Twitter

<https://twitter.com/cronoyield>

- 14 Followers
- ⚠️ - Only 5 posts ⚠️



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: SpyWolf.co
- Portal: SpyWolf.network
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.